

# Mohan raj S

## Process Excellence & Quality Management Systems



### Core Competencies

Quality Management Systems

Process Excellence

Process & Continual Improvements

Problem Solving Techniques

Internal, Process and Supplier Auditor

Documentation and Reporting



### Top Certifications

- Six-Sigma Black Belt
- Six-Sigma Green Belt
- Lean Management
- IATF - 16949
- ISO 9001-2015
- PFMEA – 5<sup>th</sup> Edition
- APQP Requirements and Strategy on Implementation
- Quality Core Tools
- Basic on Industry 4.0
- Mechanical Designing and Drafting



### Soft Skills

- Minitab – Statistical & Data Analysis
- Solid Edge – V20
- Auto CAD – 2D Drafting
- Creo 2.0 – 3D Modelling and Assembly
- MS office - office-related applications



### Key Skills

- Core Tools (APQP, PPAP, FMEA, SPC & MSA)
- Problem Solving Techniques (7 QC Tools)
- G8D
- Audit Techniques



### Career Conspectus

#### QMS | New Product Development | Vendor Developments

- 5+ Years of Experience in Manufacturing industry in various roles (New Product Development, Quality Management System, Vendor Quality, Rejection and Rework Analysis)
- Building & Maintaining New Systems and Procedure which helps Organization to Maintain the Standard as per IATF 16949
- Building and Developing APQP Timing plan for New Product and Assigning supervise tasks within project team members in order to efficiently complete a project
- Experienced in developing an entire Quality Management Framework (Ex. System Manual, Procedures, Supplier Developments, Process Audit and Product Audit )
- Internal Auditor for System and Process Development within the Organization as per IATF – 16949 Requirements
- Involved in Vendor Development activities and Leads to reduce Defect free supplies with Prevention POKA YOE's
- Identifying Root Causes for Defects and Defective Components in Assembly Station and make Corrective Action with Quality Tools



### Education

- BE – Mechanical (2011 - 14)  
University: Anna University - Chennai  
College: Adhiyamaan College of Engineering
- DME – Mechanical (2008 - 11)  
University: Anna University - Chennai  
College: K.S.Rangasamy Institute of Technology



### Linguistics Knows

- Tamil (Mother Tongue)
- English (Fluent)
- Hindi (Intermediate)
- Kannada (Beginner)



## Career Contour

**M/s Tech Auto Pvt Ltd.,**  
**(Engineer – Process Excellence)**  
 (Aug 2018 – till date)

### Roles

- CFT Team Lead
- Internal Auditor & QMS Leader

### Significant Accomplishments:

- Reduction on Internal Rejection Project with DMAIC Principles
- Achieved 7.5 Score in 4<sup>th</sup> Audit by TVSM Lead Auditor Guru
- Effectively Implemented QMS as per IATF 16949 Requirements

**M/s Hi-Tech Industries**  
**(Quality Engineer - QMS)**  
 (Jan 2018 –Jul 2018)

### Roles

- Internal Auditor
- Quality Management System Implementation

### Significant Accomplishments:

- Successfully Completed Transition audits from TS 16949 to IATF 16949 with 1 Minor Non-Conformity
- TVSM System Rating 2.25 to 6.6

**M/s Hema Engineering**  
**(Supplier Quality)**  
 (Aug 2016 – Nov 2017)

### Roles

- Supplier Development
- Supplier Audits

### Significant Accomplishments:

- Suppliers Process and Systems are Deployed as ISO 9001 Stds

**M/s Tenneco Automotive India**  
**(Apprentice Trainee)**  
 (Mar 2015 – Jul 2016)

### Roles

- Quality Trainee



## Roles and Key Deliverables

### Responsibilities as Process Excellence:

- To Establishing and Creating Awareness on QMS Requirements & Standards among all employees in an Organization
- Team Leader in CFT for Continual Improvement Projects with Black Belt Skills (DMAIC Principles)
- Preparing & Maintaining Departments Procedures and Manual for all Departments in an Organization
- Audit Findings and Implementing Systemic Actions for Non-Conformities in Internal & Process Audits
- Organizing & Elaborates the Organization Strengths (Process and Products) to the External Customers and Auditors
- Conducting Training to the Internal Team on **Core Tools** and also Developing Green Belt Holders in an Organization

### Responsibilities as QMS Engineer:

- Participating in Internal Audits and External Supplier Audits for the purpose of improving both internal and supplier processes.
- Ensuring Company Policies, Procedures, Manual, Work instructions, PPAP & APQP are documented in a clear, simple and concise manner
- Controlling and Maintaining the Company Audits such as Internal, Process, Product and Third Party Audits as per defined Schedules
- Preparing monthly Management Review Meeting Reports relating to Quality Performances, Sales, Inventories, Innovation and Incidents
- Responsible for all Quality Management activities in the Fabrication & Machining department including documentation and systems improvement.

### Responsibilities as Supplier Quality:

- Maintaining the detail and comprehensive records on Improvements in Suppliers New Products and Existing Products
- Audit and Verification of Suppliers PPAP, Control Plan, Process FMEA, Inspection report & Material test certificate for New products & Existing products
- Lead critical Supplier Quality Issues for timely resolution and monitored the effectiveness of incoming quality control system by implementing receiving inspection.
- Audit and make the Vendor rating according to the process implemented and organization structure at supplier ends

### Responsibilities as Quality Trainee:

- Overall document preparation regarding internal and external customer complaints with the help of G8D and Why Why Analysis
- Preparing In-house Scrap analyze report for daily production and monitoring DPM & PPM in production line
- Identifying the rejection & rework parts in the assembly line to conform the rework products

## Declaration

I hereby declare that the information furnished above is true to the best of my knowledge

**Mohan raj S**